



PATENT
Docket No. 293.00020101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Emery et al.)
Serial No.: 10/038,504)
Confirmation No.: 5492)
Filed: January 3, 2002)
For: IMMUNIZING COMPOSITIONS AND METHODS OF USE

Group Art Unit: 1645
Examiner: Nita M. Minnifield

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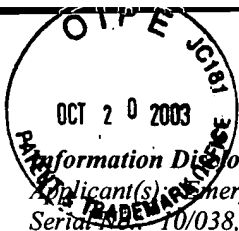
INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the continuing duty of candor and good faith that is to be demonstrated before the United States Patent and Trademark Office (USPTO), enclosed are documents which Applicants bring to the Examiner's attention as possibly being of interest in connection with the above-identified patent application. Per M.P.E.P. § 609, the information cited in the present Information Disclosure Statement shall not be construed to be an admission that the information is, or is considered to be, material to patentability. Consideration of each of the documents listed on the attached 1449 form(s) is respectfully requested. Pursuant to the provisions of MPEP §609, Applicants further request that a copy of the 1449 form(s), marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Applicants also wish to bring the Examiner's attention to the following pending U.S. Applications, as well as any documents, Office Actions that may include rejections of similar claims, and any provisional U.S. patent applications referenced in the pending U.S. applications or in their file wrappers. A copy of each of the below-listed pending U.S. Patent Applications is provided herewith.



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List of Pending Non-Published U.S. Patent Applications

Applicant(s)	Application Number	Filing Date	Serial No. of Provisional Application to which listed Application claims priority
Emery et al.	10/454,306	06/03/03	60/259,504 and 60/262,896
Emery et al.	10/454,305	06/03/03	60/259,504 and 60/262,896

Since this Information Disclosure Statement is submitted after receipt of an Office Action in the above-identified patent application, Applicants have included the fee of \$180 under 37 CFR §§1.97(c) and 1.17(p). Please charge any additional fees or credit any overpayment to Deposit Account No. 13-4895.

CERTIFICATE UNDER 37 C.F.R. 1.10:

The undersigned hereby certifies that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated below and is addressed to the Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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Respectfully submitted for

Emery et al.

By

Mueting, Raasch & Gebhardt, P.A.

P.O. Box 581415


Minneapolis, MN 55458-1415

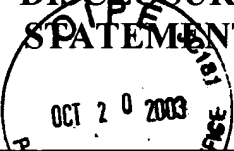
Telephone (612)305-1220

Facsimile (612)305-1228

Customer Number 26813

October 20, 2003
Date

By: 
David L. Provence
Reg. No. 43,022
Direct Dial (612)305-1005

INFORMATION DISCLOSURE STATEMENT 	Atty. Docket No.: 293.00020101	Serial No.: 10/038,504
	Applicant(s): Emery et al.	Confirmation No.: 5492
	Application Filing Date: January 3, 2002	Group: 1645
	Information Disclosure Statement mailed: OCTOBER 20, 2003	

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	5,439,808	08/08/95	Blake et al.			
	2003-0064073 A1	04/03/03	Emery et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	NONE						

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Document Description
	Manspeaker, "Metritis and Endometritis," [online]. <i>Northeast IRM Manual</i> . [retrieved on 2003-10-17]. Retrieved from the Internet: <URL:http://www.inform.umn.edu/EdRes/Topic/ArgEn.../METRITIS_AND_ENDOMETRITIS.htm>. 4 pgs.
	Matsui et al., "Specificity of protective immunity induced by porin from salmonella typhimurium," <i>Microbiologica</i> . 1991;14:103-112.
	Rae, "Injection Site Reactions," [online]. University of Florida, Department of Animal Sciences, [retrieved on 2003-10-16]. Retrieved from the Internet: <URL:http://www.animal.ufl.edu/short94/rae.htm>. 3 pgs.
	Tabaraie et al., "Evaluation of salmonella porins as a broad spectrum vaccine candidate," <i>Microbiol. Immunol.</i> 1994;38:553-559.
	Todhunter et al., "Antibodies to iron-regulated outer membrane proteins of coliform bacteria isolated from bovine intramammary infections," <i>Vet. Immunol. Immunopath.</i> 1991;28:107-115.

EXAMINER	Date Considered
<p>*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	